

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US97/03553

A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) : A61K 9/00; A01N 25/00; C09C 1/56; B32B 5/16
 US CL : 424/405, 484, 485, 486; 435/174, 177, 180; 514/772, 772.1 788.1
 According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 530/402, 810, 815, 812, 815; 935/22, 52, 54; 423/447.2, 447.3, 460; 428/376, 367, 398, 403, 408

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 NONE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,663,230 A (TENNENT) 05 May 1987, see entire document.	1-64
A	US 5,346,683 A (GREEN et al) 13 September 1994, see entire document.	1-64
A	US 5,424,054 A (BETHUNE et al) 13 June 1995, see entire document.	1-64
A, P	US 5,547,748 A (RUOFF) 20 August 1996, see entire document.	1-64
A	US 5,46,587 A (FITZPATRICK-MCELLIGOTT et al) 14 November 1995, see entire document.	1-64
A	US 5,472,749 A (DRAVID et al) 05 December 1995, see entire document.	1-64

Further documents are listed in the continuation of Box C. See patent family annex.

• Special categories of cited documents:	T	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
• A document defining the general state of the art which is not considered to be of particular relevance	X	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
• E earlier document published on or after the international filing date	Y	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
• L document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	Z	document member of the same patent family
• O document referring to an oral disclosure, use, exhibition or other means		
• P document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search	Date of mailing of the international search report
26 JUNE 1997	18 JUL 1997

Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230	Authorized officer THURMAN K. PAGE Telephone No. (703) 308-2351
---	---

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US97/03553

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A ,P	US 5,482,601 A (OHSHIMA et al) 09 January 1996, see entire document.	1-64